

Submission # [REDACTED] Flight Crew Incident - Hard landing tailstrike**ID:** [REDACTED]**Submitted By:** Alan Bartlett**Submission Type:** Flight Crew Incident**Event Date/Time:** 12/12/2021 23:19 Pacific Time (US & Canada)**Event Title:** Hard landing tailstrike**Overview****Local Time:** 12/12/2021 23:15**Primary Duties During Time of Event:** First Officer-Pilot Monitoring**Can a de-identified version of this report be published in internal airline safety publications?:**No**Employee Information****Employee Number:** [REDACTED]**Employee Base:** [REDACTED]**Email:** [REDACTED]**Phone Number:** [REDACTED]**Flight Information****Flight Number:** 2047**Tail Number:** N307FR**Aircraft Type:** A320neo**Departure Airport:** KMEM;MEM**Departure Runway:** 18c**Scheduled Arrival Airport:** KLAS;LAS**Landing Airport:** KLAS;LAS**Landing Runway:** 26L**Flight Phase at Start of Event:** Landing**Seat Belt Sign:** On**ATC Information****Name of ATC Facility:** Las**ATC Radio Frequency (MHz):** 118.95**Geographic Location During Event****Airport:** Las**Weather/Visibility****Meteorological Conditions:** VMC**Temperature:** 6**Wind:** 220/4**Narratives**

Please provide a narrative about the event, including what happened, where and when the event occurred, and who was involved:

Captain was flying and elected to hand fly the approach with auto thrust off. Speed management management was adequate on approach even though the wind shifted from a headwind to a slight tail wing about halfway inside the final approach fix and was commented on . The wind indicator on the aircraft did show another shift to a headwind before landing.

Airspeed slowed below ref briefly just before landing but appeared to trend to a correction so I did not call the speed at the last moment PF pitched up aggressively and we landed very hard and at some point the aural pitch alert triggered.

On my post flight inspection I noted indications of a tail strike and we reported this to maintenance and SOC

Types of Events**Types of Events:** Hard Landing